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PTO-1390 (Rev. 12-2004)
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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

ATTORNEY'S DOCKET NUMBER K21129USWO (C038435/0184145) U.S. APPLICATION NO_(If known, see 3Z CER 1.5)

| CO | NCERNING A SUBMISSIO | Not yet assigned | | | | | | |
|---|--|--|---|--|--|--|--|--|
| | ATIONAL APPLICATION NO. PCT/EP2003/007575 | INTERNATIONAL FILING DATE 14 July 2003 | PRIORITY DATE CLAIMED 23 July 2002 | | | | | |
| MANUFACTURE OF ISOFLAVONES | | | | | | | | |
| APPLICANT(S) FOR DO/EO/US Bruno BURDET and August RUETTIMANN | | | | | | | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | | | | | | | |
| 1. | This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. | | | | | | | |
| 2. | This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. | | | | | | | |
| 3. 🗶 | This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. | | | | | | | |
| 4. 🗶 | The US has been elected (Article 31). | | | | | | | |
| 5. 🗶 | A copy of the International Application as filed (35 U.S.C. 371(c)(2)) | | | | | | | |
| | a. x is attached hereto (required only if not communicated by the International Bureau). | | | | | | | |
| | b. has been communicated by the International Bureau. | | | | | | | |
| _ | c. is not required, as the application was filed in the United States Receiving Office (RO/US). | | | | | | | |
| 6. | An English language translation of the | e International Application as filed (35 U.S.C | C. 371(c)(2)). | | | | | |
| | a. is attached hereto. | | | | | | | |
| | b. has been previously submit | tted under 35 U.S.C. 154(d)(4). | | | | | | |
| 7. X | Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) | | | | | | | |
| | a. are attached hereto (required only if not communicated by the International Bureau). | | | | | | | |
| | b. have been communicated by the International Bureau. | | | | | | | |
| , | c. have not been made; however, the time limit for making such amendments has NOT expired. | | | | | | | |
| _ | d. X have not been made and v | will not be made. | | | | | | |
| 8. | An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). | | | | | | | |
| 9. 🗶 | An oath or declaration of the inventor | (s) (35 U.S.C. 371(c)(4)). | | | | | | |
| 10. | An English language translation of the Article 36 (35 U.S.C. 371(c)(5)). | e annexes of the International Preliminary E | xamination Report under PCT | | | | | |
| < <u> </u> | s 11 to 20 below concern document(s |) or information included: | | | | | | |
| 11. | An Information Disclosure-Statement | under 37 CFR 1.97 and 1.98. | | | | | | |
| 12. 🗶 | An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. | | | | | | | |
| 13. | A preliminary amendment. | | | | | | | |
| 14. | An Application Data Sheet under 37 CFR 1.76. | | | | | | | |
| 15. | A substitute specification. | | | | | | | |
| 16. | A power of attorney and/or change of address letter. | | | | | | | |
| 17. | A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. | | | | | | | |
| 18. | A second copy of the published Interr | national Application under 35 U.S.C. 154(d)(| (4). | | | | | |
| 19. | A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). Designation of Registered Practitioners Pursuant to 37 CFR § 1.32(c)(3) (2 pp.); Copy of the International Search Report (4 pp.); | | | | | | | |
| 20. | | | .); Certificate of Express Mailing (1 p.); and Return Postcard. | | | | | |

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. Page 1 of 2

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO. ATTORNEY'S DOCKET NUMBER Not yet assigned K21129USWO (C038435/0184145) PCT/EP2003/007575 The following fees are submitted: Office use only Applicant use a) Basic national fee.....\$300.00 300.00 b) Examination fee.....\$200.00 200.00 500.00 \$ \$ 1,000.00 TOTAL OF ABOVE CALCULATIONS = \$1000.00 Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. Total Sheets Extra sheets Number of each additional 50 or fraction RATE thereof (round up to a whole number) - 100 = /50 = x \$250.00 \$ 0.00 Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)). **CLAIMS** NUMBER FILED NUMBER EXTRA RATE Total claims 16 - 20 = \$50.00 S 0 0.00 Independent claims - 3 = \$200.00 0.00 0 х MULTIPLE DEPENDENT CLAIM(S) (if applicable) \$360.00 \$ TOTAL OF ABOVE CALCULATIONS = \$ 0.00 Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. \$ 1,000.00 Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest \$ claimed priority date (37 CFR 1.492(f)). **TOTAL NATIONAL FEE =** 1.000.00 Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied 40.00 by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property TOTAL FEES ENCLOSED = 1.040.00 Amount to be refunded: Amount to be charged 1,040.00 A check in the amount of \$ to cover the above fees is enclosed. Please charge my Deposit Account No. 02-4467 in the amount of \$ 1,040.00 to cover the above fees. A duplicate copy of this sheet is enclosed. c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-4467 . A duplicate copy of this sheet is enclosed. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37-CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: Stephen M. Haracz, Esq. BRYAN CAVE LLP 1290 Avenue of the Americas Stephen J. Brown, Esq New York, New York 10104 Phone: (212) 541-2000 43,519 Fax: (212) 541-4630 REGISTRATION NUMBER

Docket No.: K21129USWO (C038435/0184145)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE ACTING AS DESIGNATED/ELECTED OFFICE (DO/EO/US) UNDER THE PATENT COOPERATION TREATY CONCERNING A FILING UNDER 35 U.S.C. § 371

| In re Application of: | | | | | | | | |
|--|--------------|---|-----------|--|--|--|--|--|
| Bruno BURDET and August RUETTIMANN | | | | | | | | |
| Based on Int'l Application No.: PCT/EP2003/007575 | | | Examiner: | Not yet assigned | | | | |
| International Filing Date: | 14 July 2003 |) | Art Unit: | Not yet assigned | | | | |
| Filed: | Herewith |) | | | | | | |
| For: MANUFACTURE O | FISOFLAVONES |) | | | | | | |
| | | | | New York, New York January 21, 2005 | | | | |
| CERTIFICATE OF EXPRESS MAILING | | | | | | | | |
| "Express Mail" Mailing Label No.: ER 930263977 US Date of Deposit: January 21, 2005 I hereby certify that the following: | | | | | | | | |
| [x] Certificate of Express Mailing (1 p) [x] Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning A Filing Under 35 U.S.C. § 371 (2 pp) in duplicate [x] Copy of International Application as filed (27 pp) [x] Declaration and Power of Attorney (executed) (2 pp) [x] Recordation Form Cover Sheet and Assignment (2 pp) [x] Preliminary Amendment (9 pp, including duplicate p 1) [x] Copy of published International Application WO 2004/009576 (27 pp) [x] Designation of Registered Practitioners Pursuant to 37 CFR §1.32(c)(3) (2 pp) [x] Copy of International Search Report (4 pp) [x] Copy of International Preliminary Examination Report (6 pp) [x] Check for \$1,040.00 (National Filing Fee and Assignment Fee) [x] Return postcard | | | | | | | | |
| are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the Date of Deposit indicated above in an envelope addressed to Mail Stop PCT, Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450. | | | | | | | | |

Marvin Chisholm

Signature of Person Making Deposit

BRYAN CAVE LLP 1290 Avenue of the Americas New York, New York 10104 (212) 541-2000